

OPEN-FILE REPORT  
This report has not been edited for conformity with  
U.S. Geological Survey editorial standards or  
stratigraphic nomenclature.

EXPLANATION

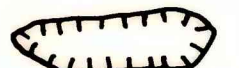
3400  
3380

STRUCTURE CONTOURS—Drawn on the top of the  
Sawyer coal bed. Dashed where projected beyond  
boundary of coal. Contour interval 20 feet (6.1 m).  
Datum is mean sea level.

3400  $5a_1$   
3380  $5a_1$

STRUCTURE CONTOURS—Drawn on the top of the  
Upper Sawyer split of the Sawyer coal bed. Dashed  
where projected beyond boundary of coal. Contour  
interval 20 feet (6.1 m). Datum is mean sea level.

3400  $5a_2$   
3380  $5a_2$



STRUCTURE CONTOURS—Drawn on top of the Lower  
Sawyer split of the Sawyer coal bed. Dashed where  
projected beyond boundary of coal. Hachures indicate a  
closed depression. Contour interval 20 feet (6.1 m).  
Datum is mean sea level.

3470  
B<sub>1</sub>

BOUNDARY OF COAL DEPOSIT—Drawn along the  
outcrop of the coal bed and/or the contact between  
burned and unburned coal (dashed where inferred by  
present author beyond the limits of original data).  
Arrows point toward coal-bearing area. Number at  
triangle is altitude, in feet, at the top of the coal bed  
taken from topographic map at a point of coal thickness  
measurement. Subscript number on B indicates which  
coal split boundary is shown.

U  
D

FAULT—Dashed where approximately located. U, up-  
thrown side; D, downthrown side.

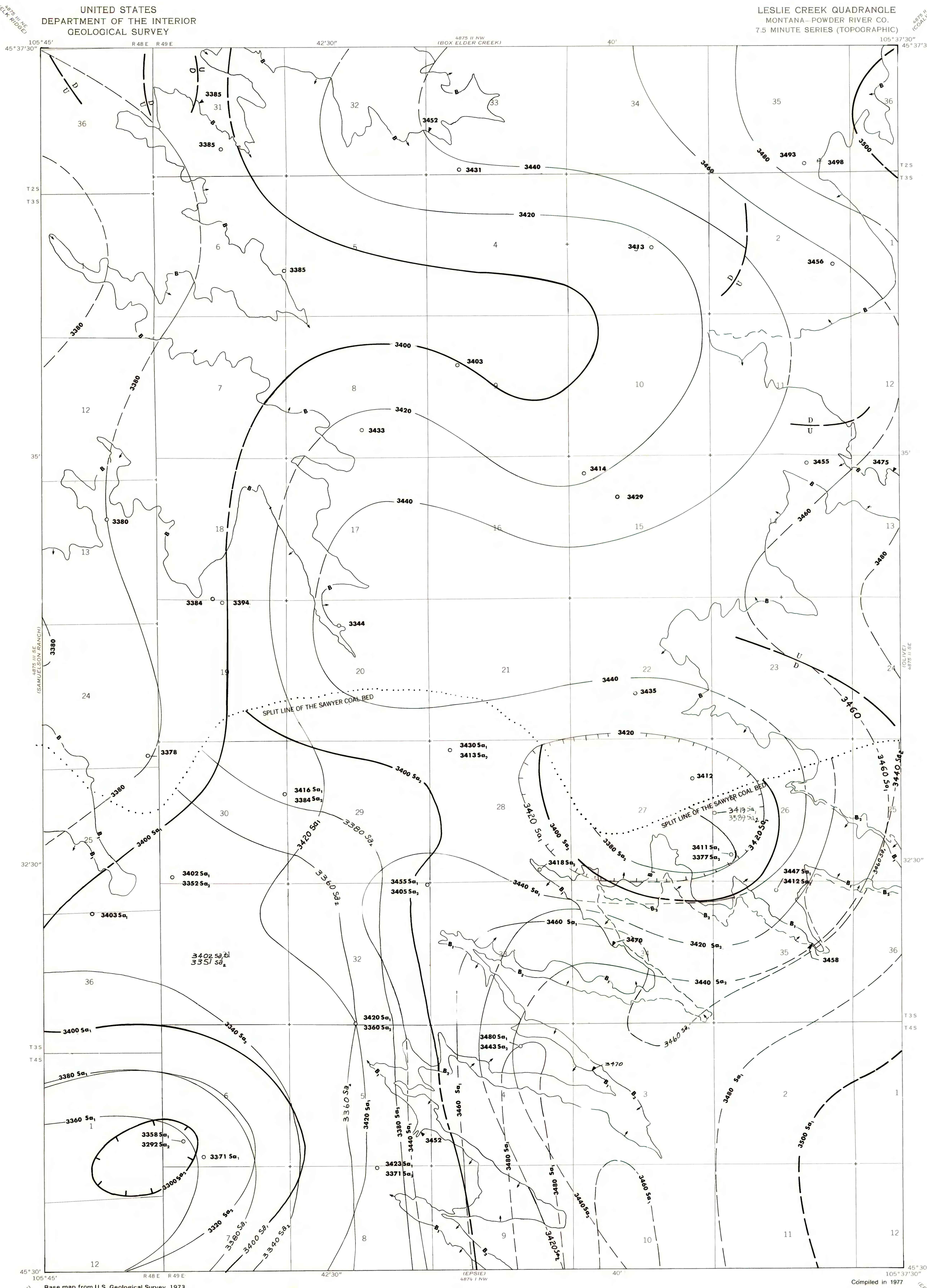
3358  $5a_1$   
3292  $5a_2$

DRILL HOLE—Showing altitude at the top of the coal bed,  
in feet.

3498

COAL MINE—Showing altitude at the top of the coal bed,  
in feet.

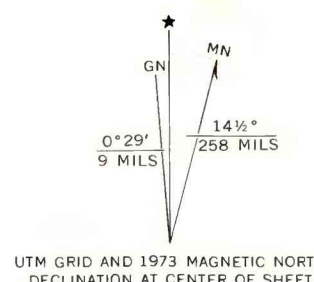
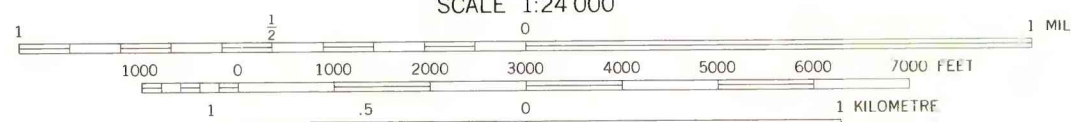
To convert feet to meters, multiply feet by 0.3048.



Base map from U.S. Geological Survey, 1973

Compiled in 1977

SCALE 1:24,000



COAL RESOURCE OCCURRENCE MAP OF THE LESLIE CREEK QUADRANGLE,  
POWDER RIVER COUNTY, MONTANA  
BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1979